



ATTORNEY DOCKET NO. 05118.0007U4  
Serial No. 08/961,443

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Townes, Tim M. et al.

Serial No. 08/961,443

Filed: October 10, 1997

For: TRANSGENIC ANIMALS THAT  
PRODUCE HEMOGLOBIN

Group Art Unit: 1632

Examiner: Jill Martin

DECLARATION UNDER 37 C.F.R. 1.132

THE TOWNES DECLARATION 2

BOX FEE AMENDMENT  
Commissioner for Patents  
Washington, D.C. 20231

NEEDLE & ROSENBERG, P.C.  
Suite 1200, The Candler Building  
127 Peachtree Street, N.E.  
Atlanta, Georgia 30303-1811

April 10, 2002

Sir:

1. I, Tim Townes, a citizen of the United States, residing at 4687 Bridgewater Rd, Birmingham, Al 35243, declare that:

2. I have a Ph.D. degree in Microbiology from the University of Tennessee in Knoxville. I have been conducting research in the field of Molecular Genetics since 1982 and am a co-author of at least 50 publications relating to hemoglobin and hemoglobin transgenesis. I am currently Professor and Chairman of the Department of Biochemistry and Molecular Genetics at the University of Alabama at Birmingham.

3. I am a co-inventor of the subject matter in United States Patent Application No. 08/961,443.

*considered  
9/12/06*